

# Flaconitine

Catalog No: tcsc3589



## Available Sizes

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

77181-26-1

**Formula:**

$C_{36}H_{49}NO_{12}$

**Pathway:**

NF-κB

**Target:**

NF-κB

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

Acetylaconitine;3-Acetylaconitine

**Observed Molecular Weight:**

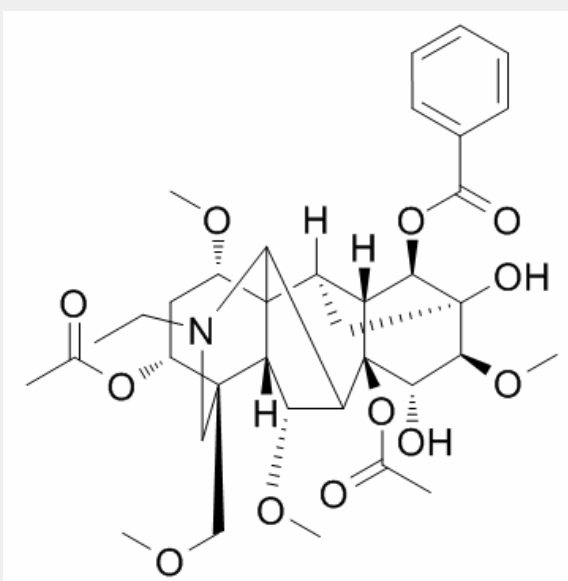
687.77

## Product Description

Flaconitine is isolated from the ammonium hydroxide wetted root of *A.szechenyianum* Gay. Flaconitine is considered to be a **NF-κB** inhibitor.

IC<sub>50</sub> & Target: NF-κB<sup>[1]</sup>

***In Vitro:*** Flaconitine has been demonstrated to suppress TNF-α induced NF-κB activation and is considered as a diester-diterpenoid-type NF-κB inhibitor<sup>[1]</sup> Flaconitine (3-Acetylaconitine) is evaluated for its cytotoxic activity against human leukemic P388 cells using the SRB (Sulforhodamine B) method, with Etoposide as the positive control. The cell growth inhibitory potency of Flaconitine is expressed as IC<sub>50</sub> (μM) Value. Flaconitine exhibits moderately cytotoxic activity with an IC<sub>50</sub> of 18.6 μM<sup>[2]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!